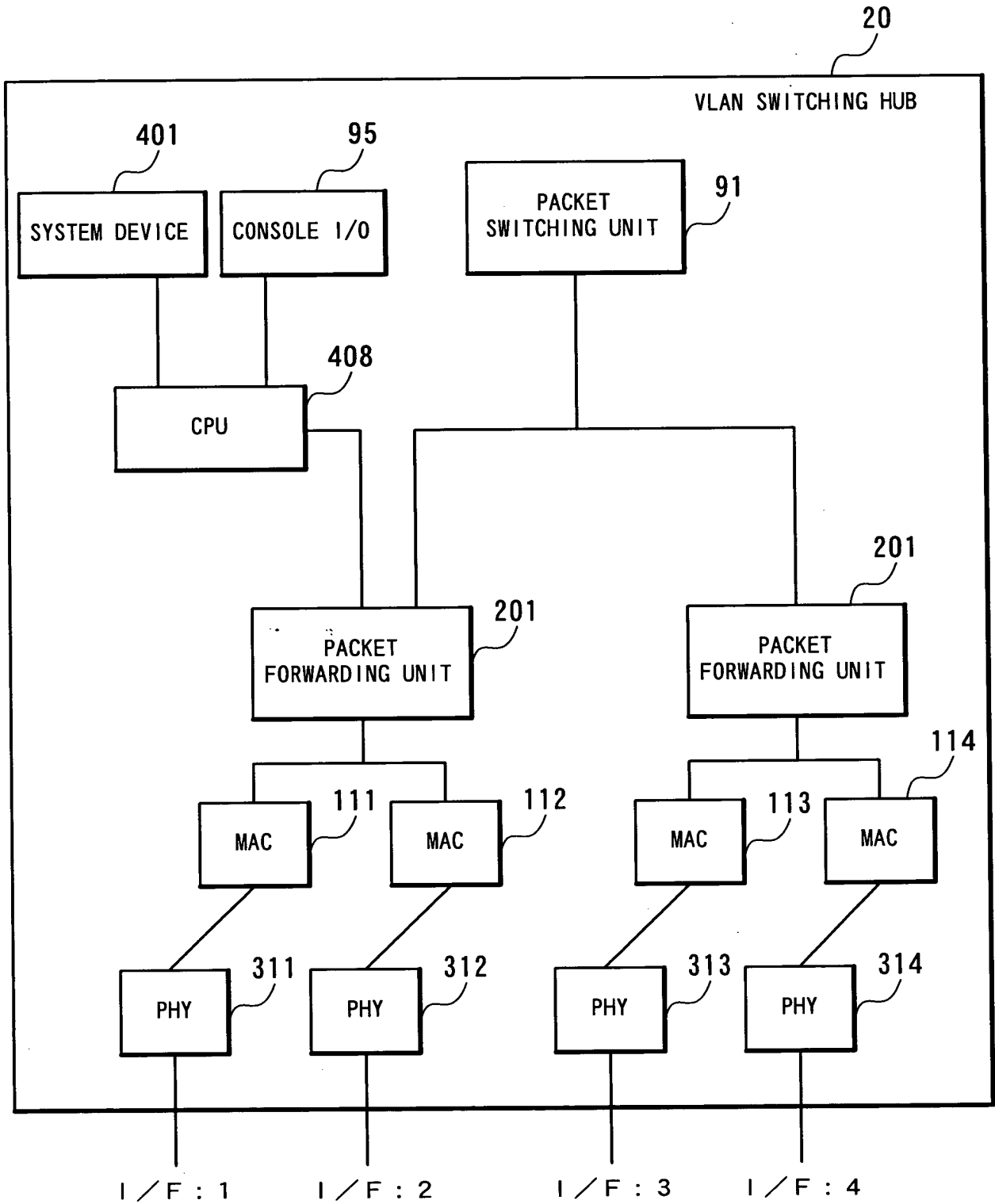
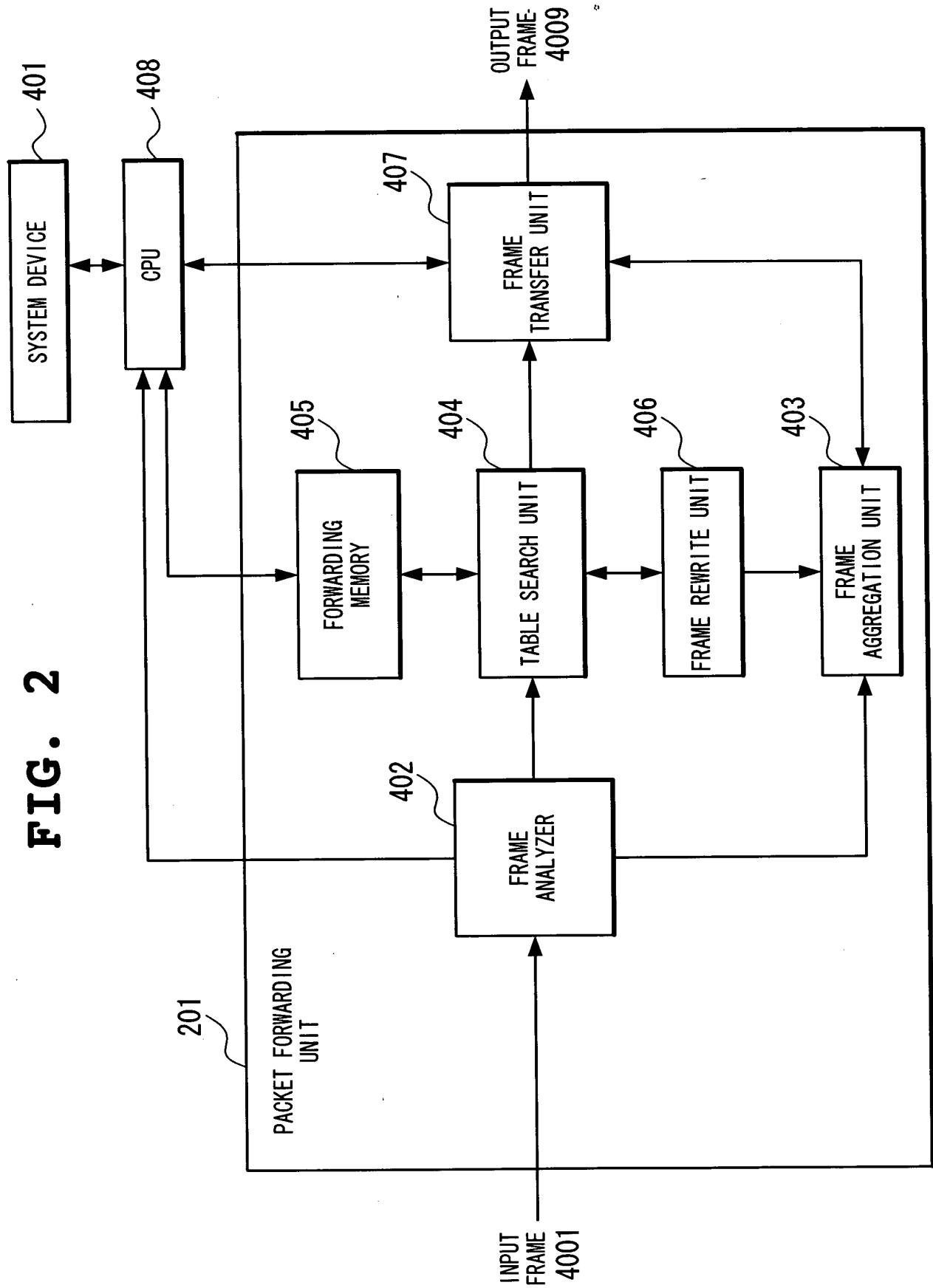
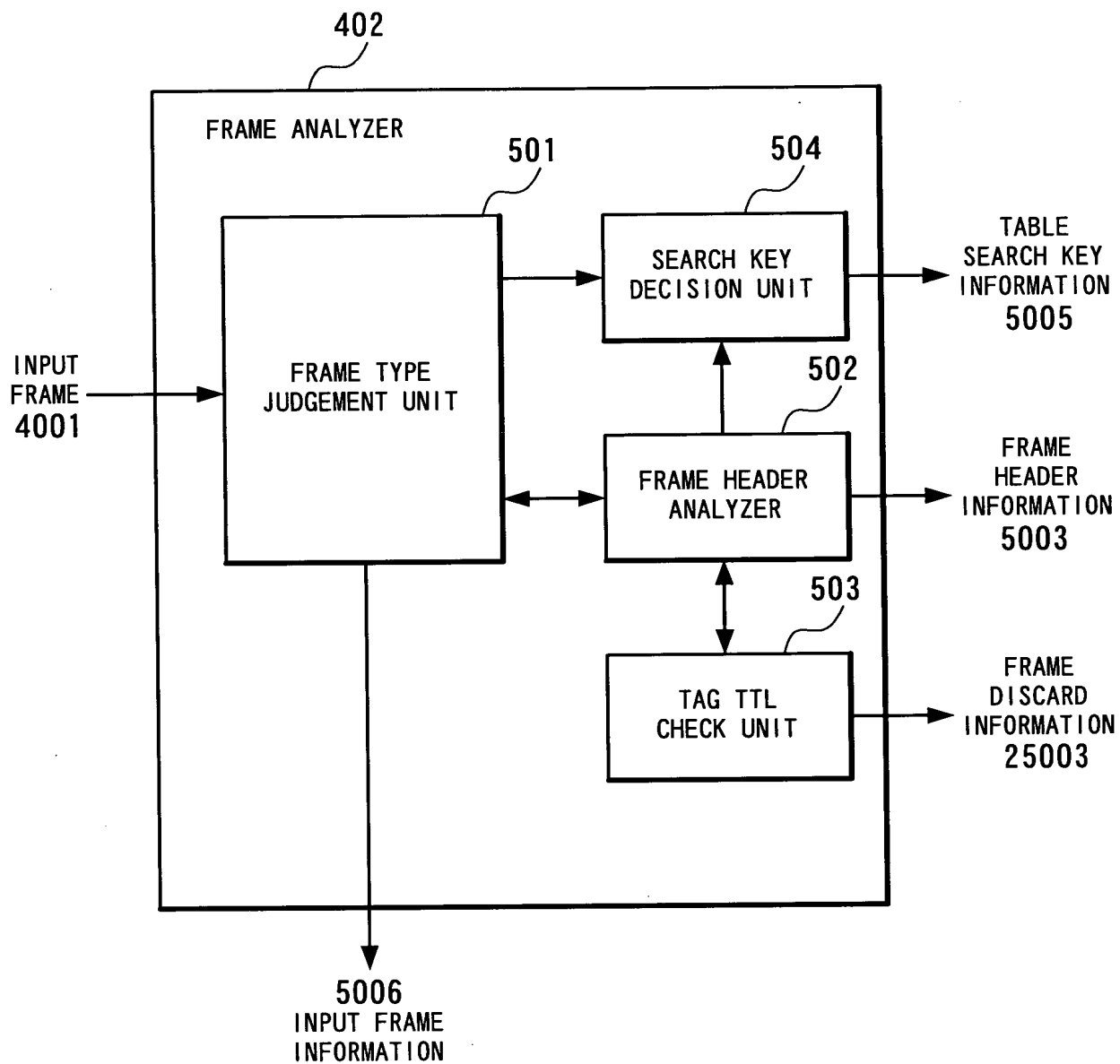
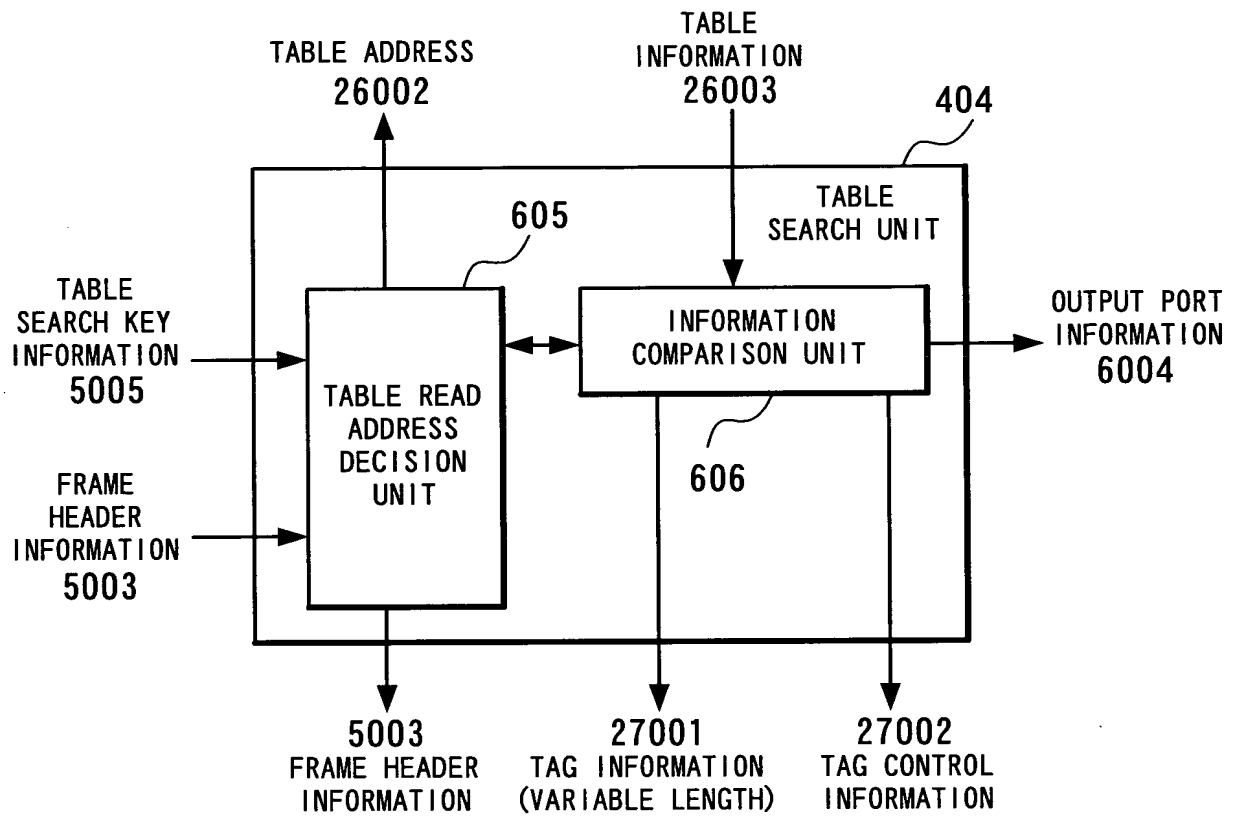
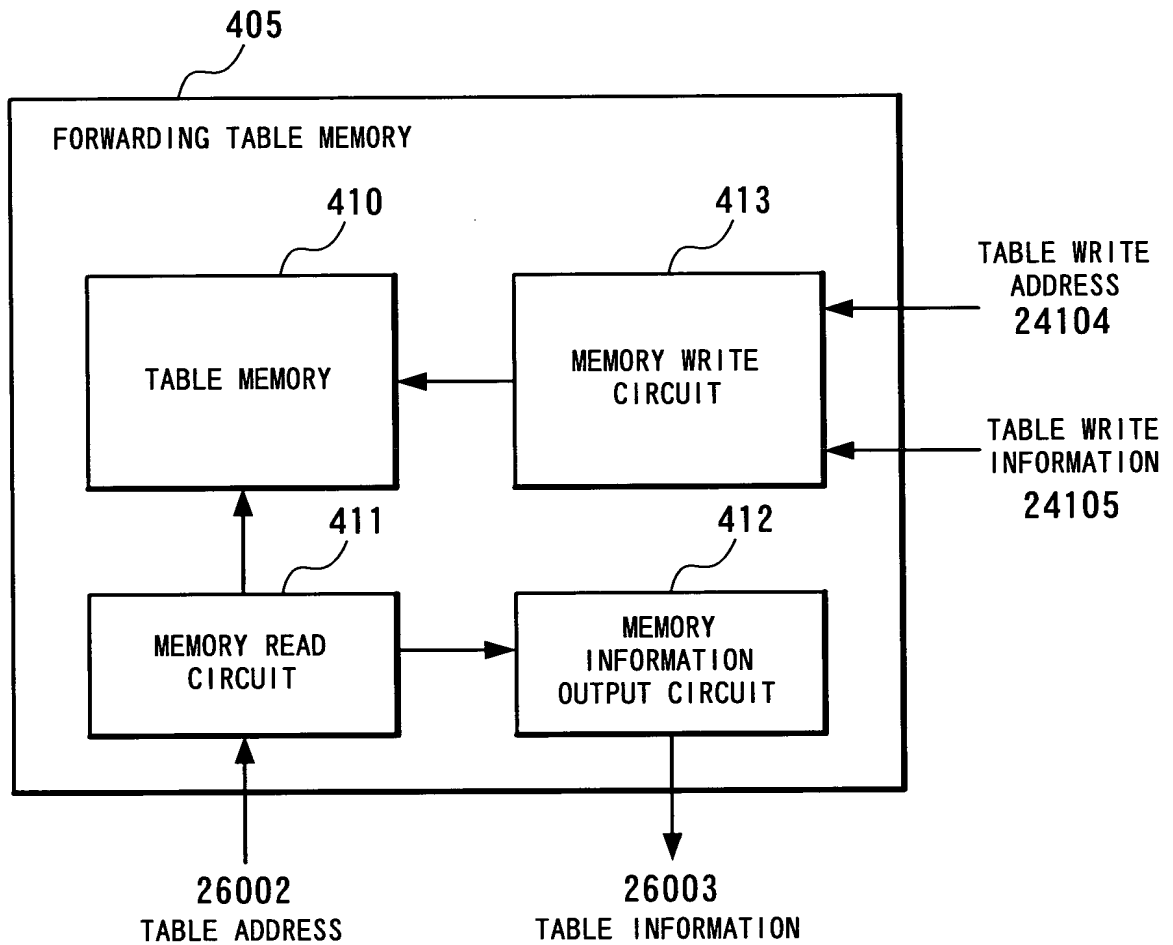


**FIG. 1**

**FIG. 2**

**FIG. 3**

**FIG. 4**

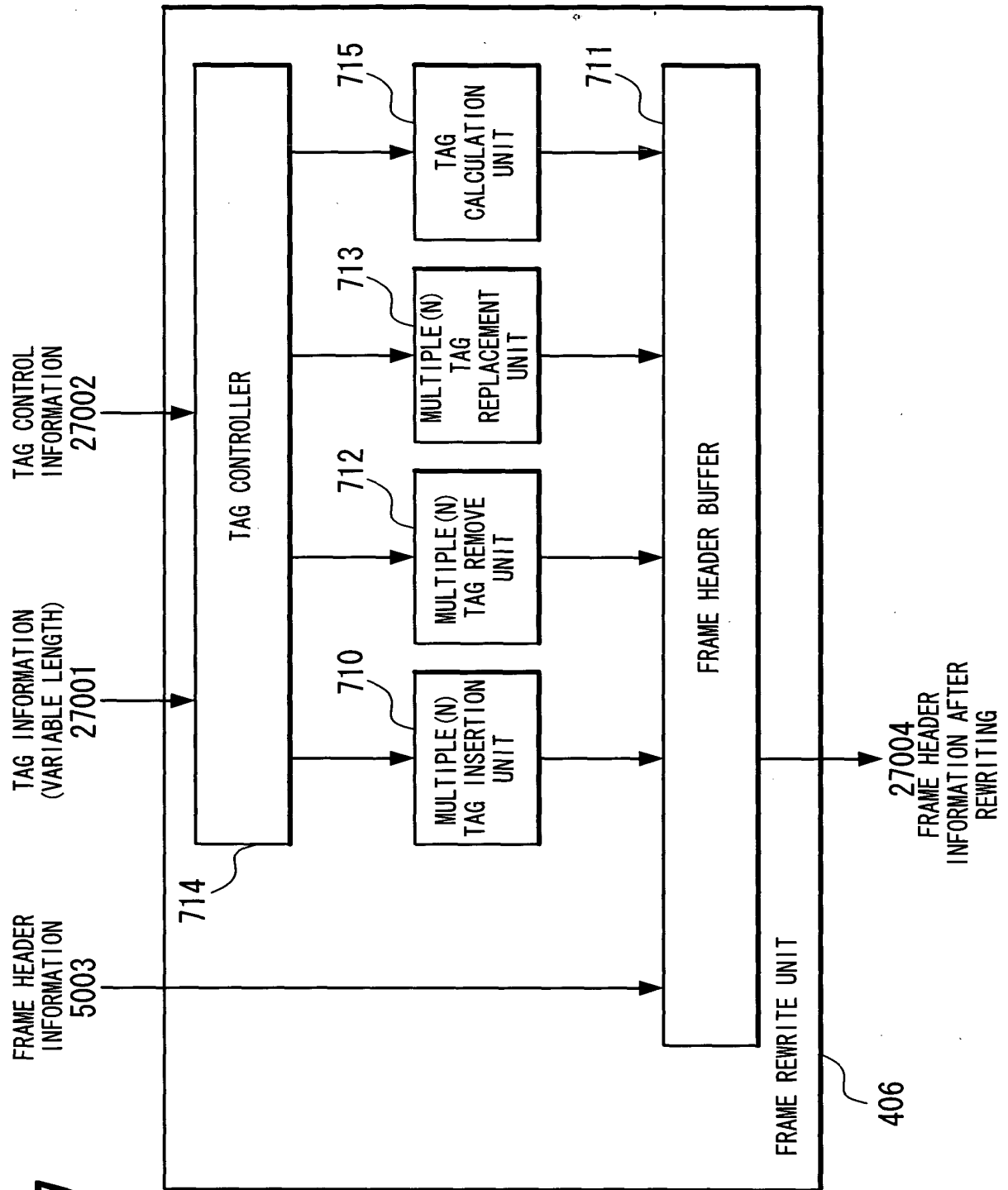
**FIG. 5**

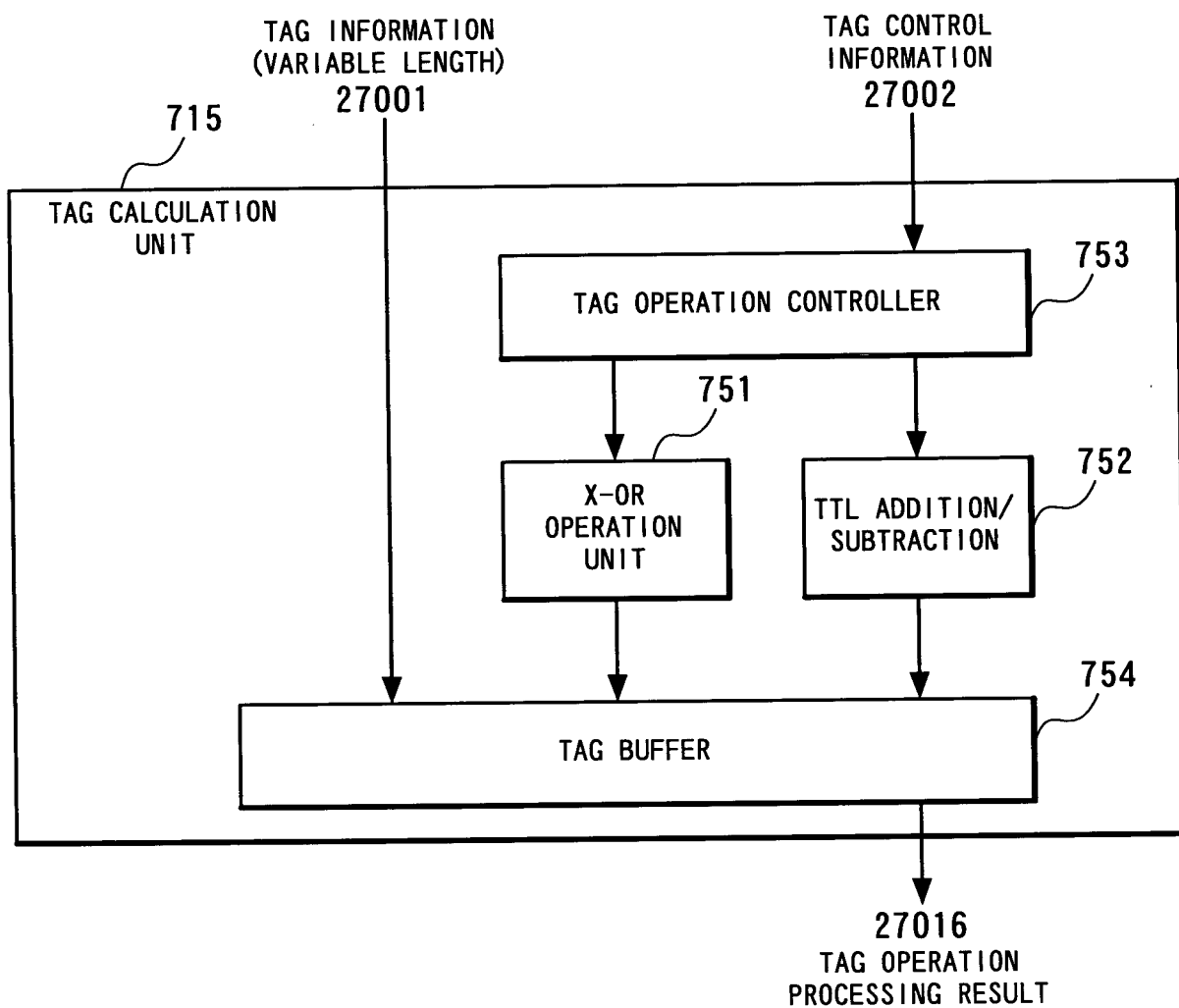
**FIG. 6**

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MAC SOURCE ADDRESS (48 BITS)	FIRST STEP TAG INFORMATION (32 BITS)	SECOND STEP TAG INFORMATION (32 BITS)	...	N STEP TAG INFORMATION (32 BITS)	NUMBER OF TAG CONTROL STEPS	TAG CONTROL INFORMATION	OUTPUT PORT INFORMATION
00-00-0c-01-02-03	OPERATION TAG TYPE	OPERATION INFORMATION	...	OPERATION INFORMATION	4	TAG INSERTION	1
00-00-0c-01-02-04	BUS PROVISIONING TAG TYPE	BUS PROVISIONING INFORMATION	...	BUS PROVISIONING INFORMATION	4	TAG REPLACEMENT	1
.	.	.	...	.	.	.	.
.	.	.	...	.	.	.	.
.	.	.	...	.	.	.	.
00-00-0c-01-02-05	ADDRESS INFORMATION TAG TYPE	ADDRESS INFORMATION	...	ADDRESS INFORMATION	3	TAG INSERTION	2
00-00-0c-01-02-05	FAILURE AVOIDANCE TAG TYPE	BYPASS INFORMATION	...	BYPASS INFORMATION	2	TAG INSERTION	2
00-00-0c-01-02-05	FAILURE NOTICE TAG TYPE	DEVICE FAILURE INFORMATION	...	DEVICE FAILURE INFORMATION	2	TAG INSERTION	2
00-00-0c-01-02-05	MAINTENANCE TAG TYPE	MAINTENANCE INFORMATION	...	MAINTENANCE INFORMATION	4	TAG REMOVE	0

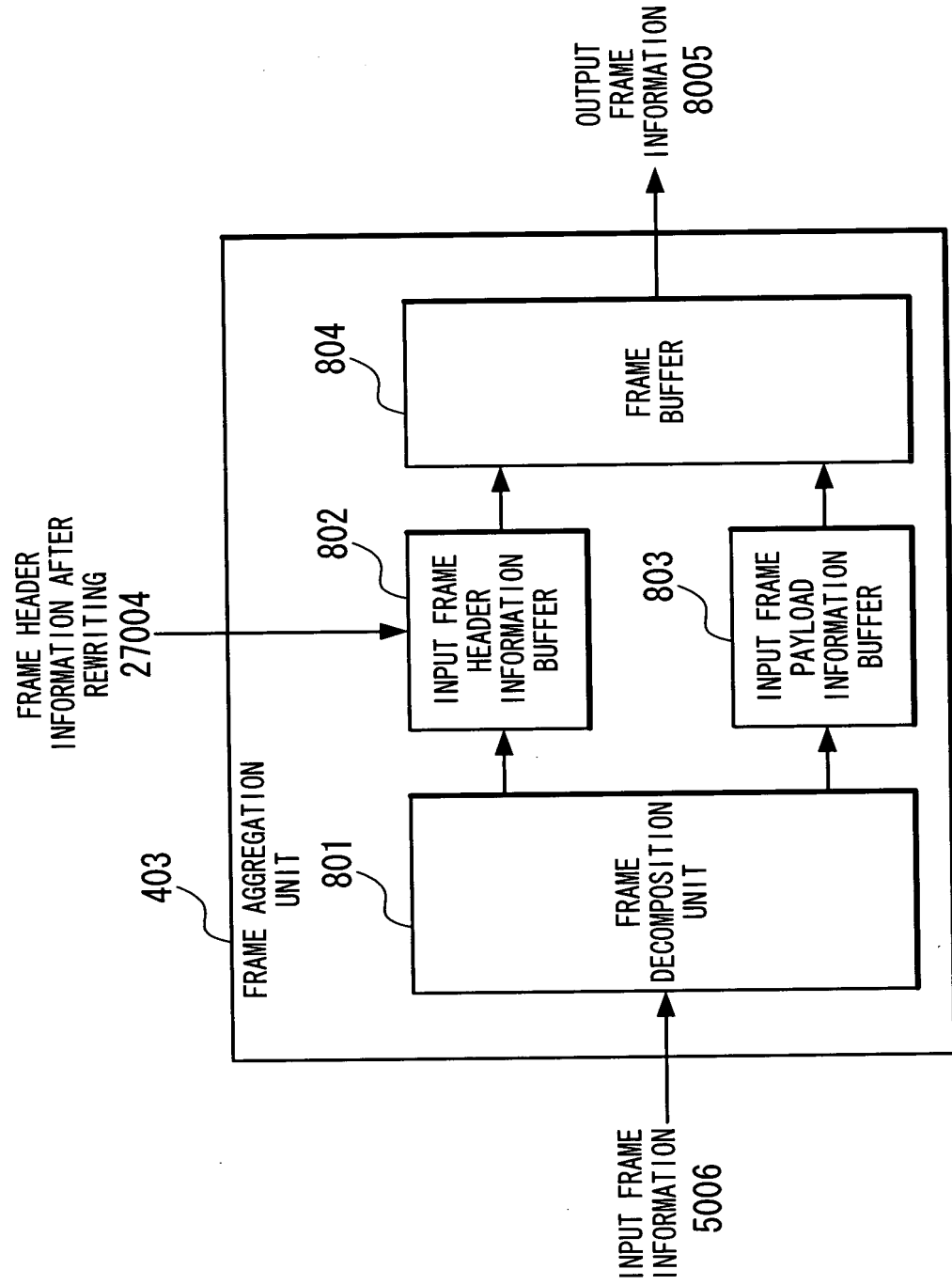
**FIG. 7**

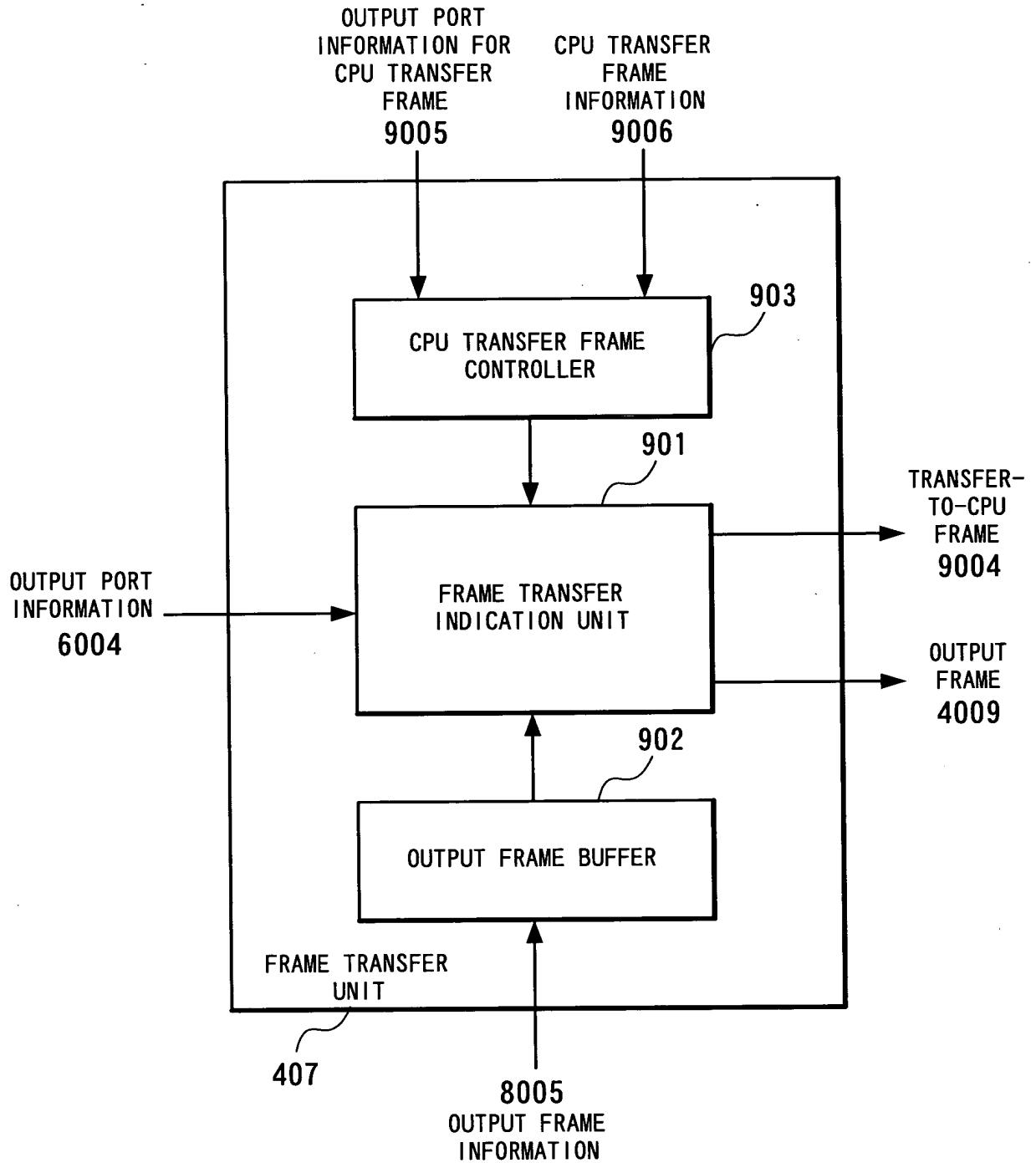


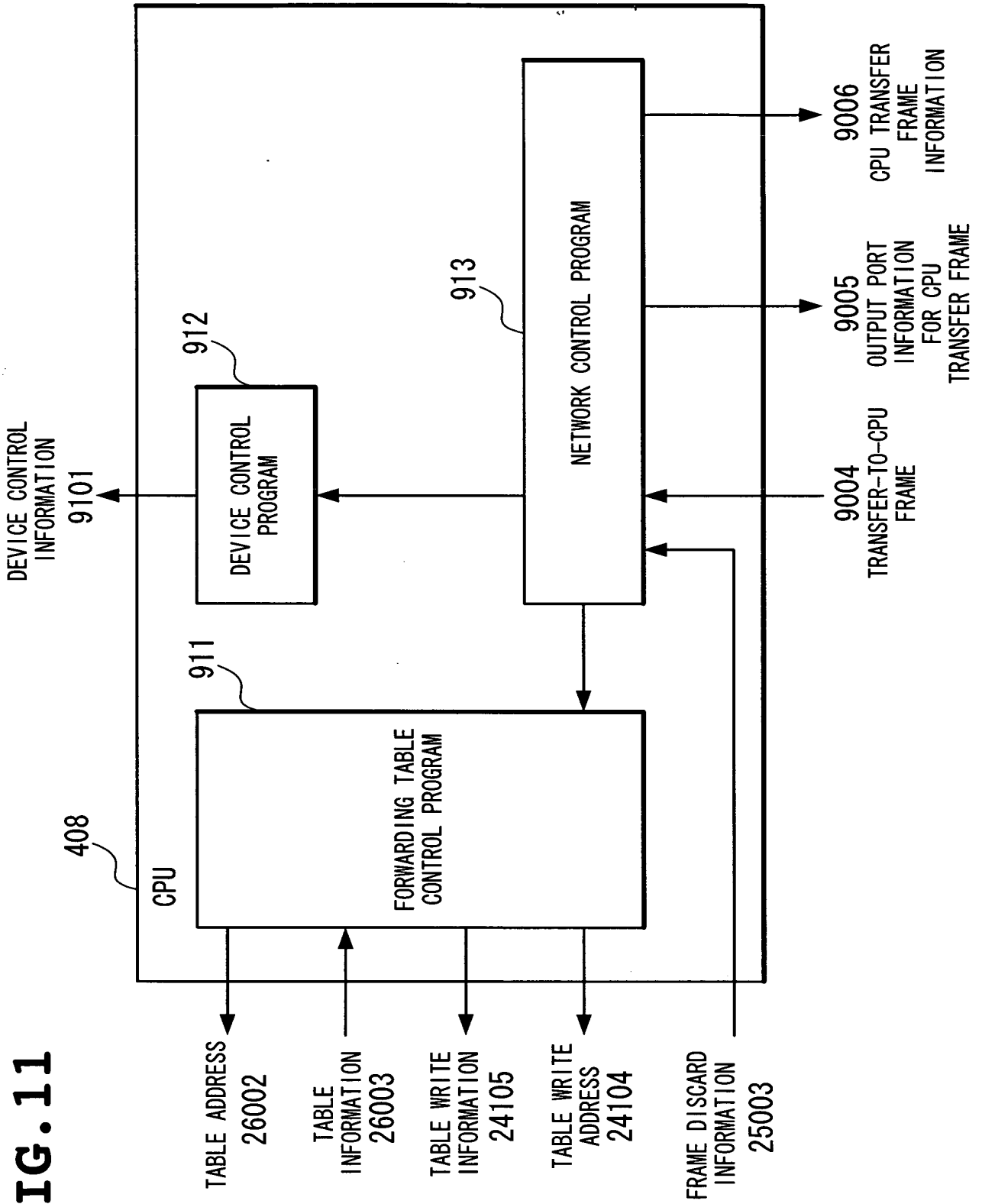
**FIG. 8**



**FIG. 9**



**FIG. 10**

**FIG. 11**

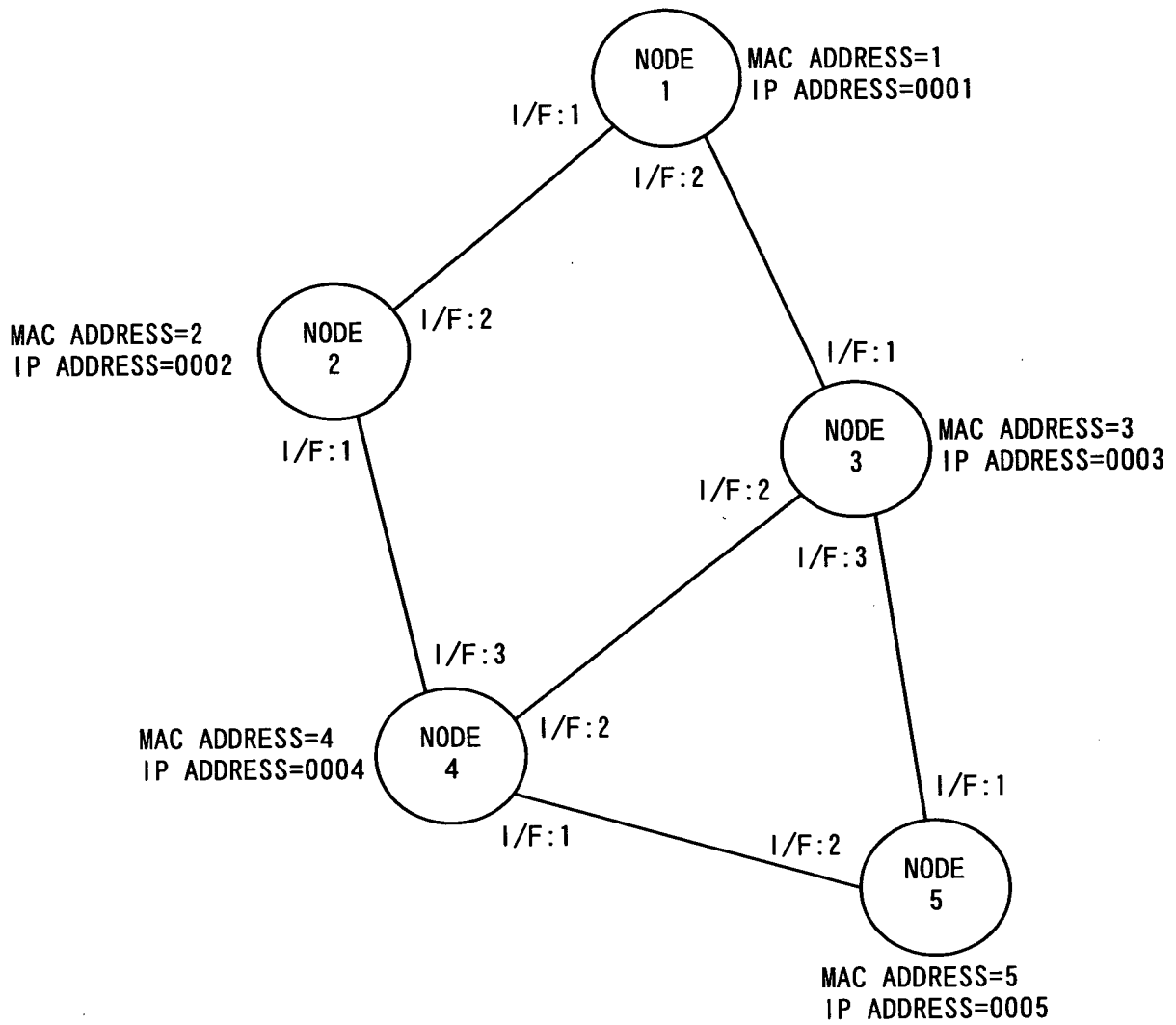
**FIG. 12**

FIG. 13

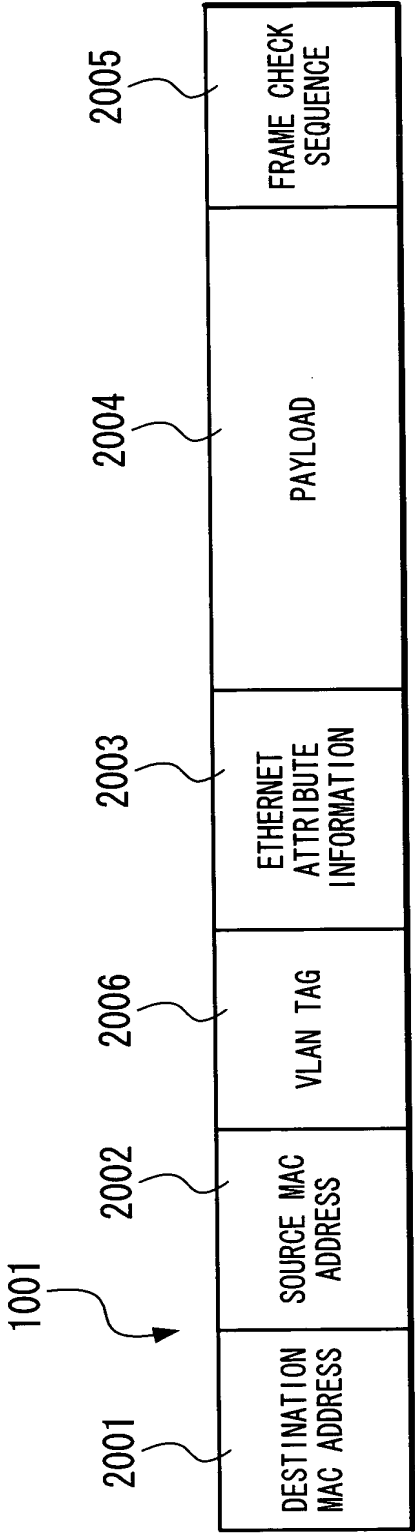


FIG. 14

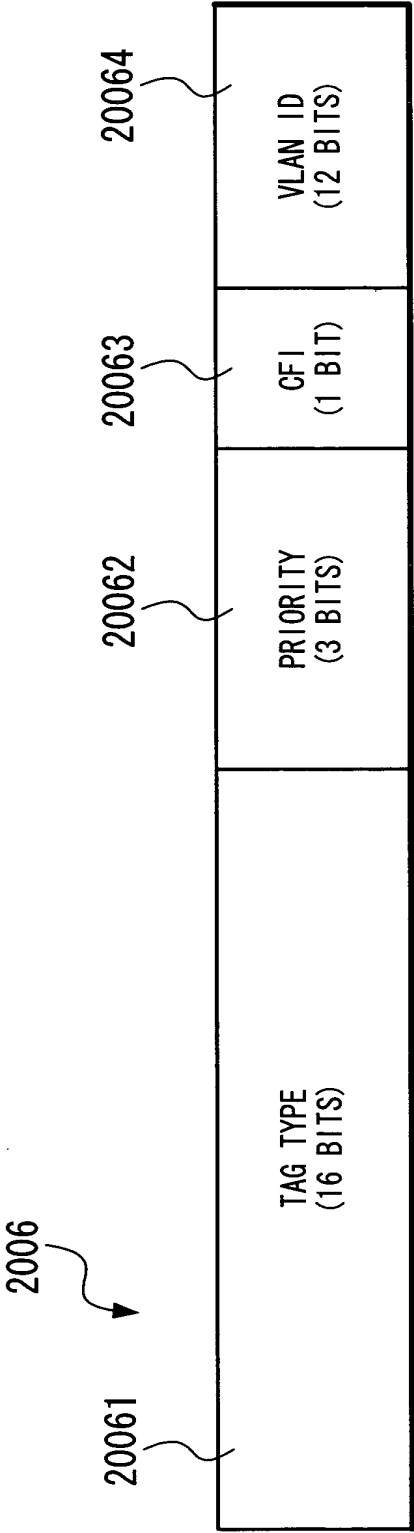
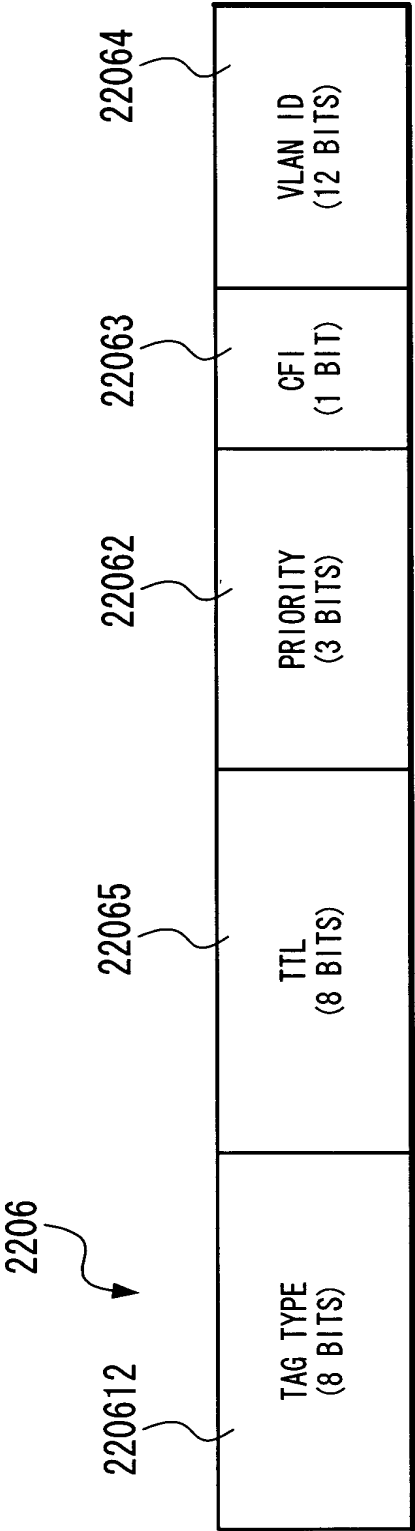
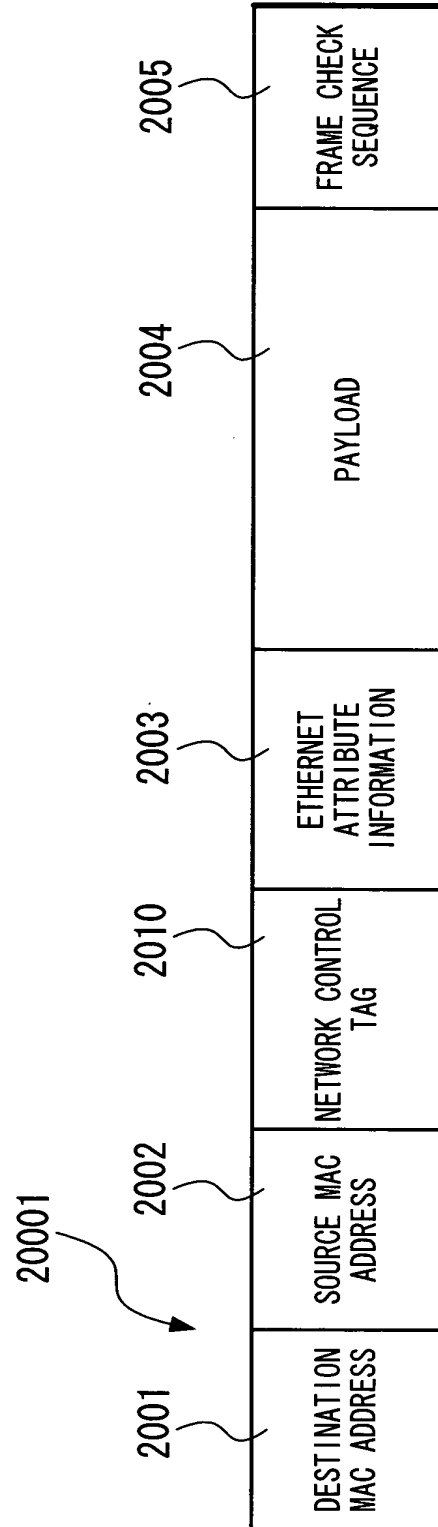


FIG. 15

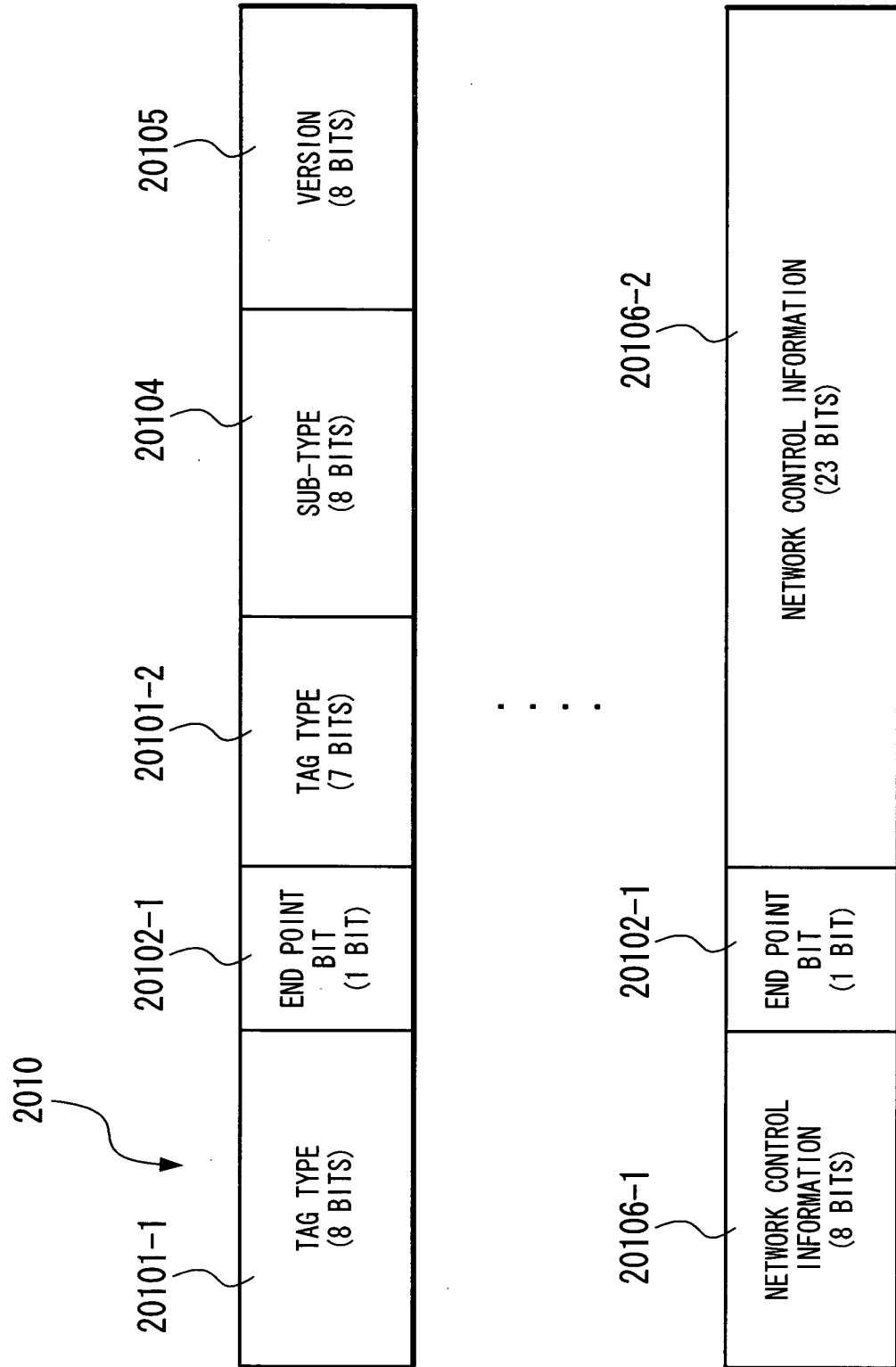


**FIG. 16**





**FIG. 17**



**FIG. 18** (PRIOR ART)

